

Hady Seifeddine

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Professional Summary

Computer Engineering graduate with strong academic distinction (GPA: 3.69/4.00, Dean's List Honors) and hands-on experience in software development, embedded systems concepts, and web-based applications. Demonstrated ability to design, develop, and implement full-stack solutions using modern programming languages and database technologies. Passionate about building scalable systems, solving complex technical problems, and contributing to innovative engineering projects. Currently seeking internship or entry-level opportunities in software engineering, systems engineering, or IT.

Education

Masters in Computer and Communications Engineering

American University of Science and Technology (AUST) — Ongoing (1st Year)

- GPA: **NA**

Bachelor of Engineering in Computer Engineering

Lebanese International University (LIU) — August 2025

- GPA: **3.69 / 4.00**
- Honors: **Dean's List (3 Semesters)**

Lebanese Baccalaureate – Life Sciences

Deutsche Internationale Schule Beirut (DISB) — August 2022

- GPA: **301 / 320**

Technical Skills

Programming & Development

- **Languages:** Java, C, Python, Assembly, MATLAB/Octave
- **Concepts:** Object-Oriented Programming (OOP), Data Structures & Algorithms
- **Frontend:** HTML5, CSS3, JavaScript
- **Backend:** PHP
- **Database:** MySQL

Systems & Networking

- Networking fundamentals (TCP/IP, UDP, routing, protocols)
- Router and server configuration
- Operating Systems concepts (process management, deadlocks, race conditions, pipelining)
- MIPS architecture fundamentals

Tools & Platforms

- Android Studio, NetBeans, VS Code
- Cisco Packet Tracer
- Oracle VirtualBox
- Microchip Studio
- XAMPP
- LTSpice, Proteus, LabVIEW
- Simulink

Other Technical Competencies

- Microsoft Office Suite (Excel, Word, PowerPoint)
 - UML Modeling & System Design
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Projects

Smart School Bus Monitoring System (School Bus Guardian)

Full-Stack Web Application

- Designed and developed a web-based monitoring system for schools and parents.
 - Built frontend using **HTML, CSS, JavaScript** and backend using **PHP & MySQL**.
 - Integrated system architecture including **RFID, GPS, and Camera modules** for real-time tracking.
 - Developed UML diagrams and hardware-software interaction models.
 - Improved safety monitoring and communication between school administration and parents.
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Hospital Management System

Java Desktop Application

- Developed a functional hospital management system demo using **Java (JavaX) and MySQL**.
 - Designed and implemented graphical user interface and backend logic.
 - Enabled efficient patient record management and doctor assignment workflows.
 - Applied OOP principles and database integration for structured data management.
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Core Competencies

- Analytical & Logical Problem Solving
 - Software Architecture & System Design
 - Team Collaboration & Cross-functional Communication
 - Adaptability & Continuous Learning
 - Technical Presentation & Documentation
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Languages

- **English:** Proficient (IELTS 8.0/9.0 – November 2025)
- **Arabic:** Native